08-23-01

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY
PATENT APPLICATION
TRANSMITTAL TRANSIVILLA (b)) Attorney Docket No. 70647 First Inventor Crawford, James A.

OFDM PILOT TONE TRACKING TO REDUCE PERFORMANCE LOSS DUE TO FREQUENCY PULLING AND PUSHING Express Mail Label No. EL591660273US

	N ELEMENTS		ADDRESS TO:	Box Paten	t Applica			
See MPEP chapter 600 concerning utility patent application contents. 1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. X Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages of the Invention of			ADDRESS TO: Box Patent Application Washington, DC 20231 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS					
- Brief Description of the - Detailed Description - Claim(s) - Abstract of the disclosu 4. X Drawing(s)(35 U.S.C. 5. Oath or Declaration a. X Newly executed (continuation/divination) i. DELETION signed stater named in the 1.63(d)(2) and	9. X Assignm 10. 37 CFR (when th 11. English 12. Informat Stateme 13. Prelimin: 14. X Return F (Should 15. (if foreign 16. Request (b)(2)(B)(10. 37 CFR 3.73(b) Statement (when there is an assignee) X Power of Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 13. Preliminary Amendment 14. X (Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Request and Certification under 35 U.S.C. 122						
17. X Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Of prior application No: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Correspondence address below							nder Box 5b, is	
	120 S. La Salle Street, Suite 1600 Address							
Oily Oilles		58-552-1311	Fa	x	858-552-0095			
Name (Print/Type) Sco	Scar J.	Wel	Name (Print/Type) Scott J. Menghini Registration No. (Attorney/Agent) 42,880					

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PTO/SB/17 (11

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Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 395.00

: 1

Complete if Known					
Application Number					
Filing Date	August 21, 2001				
First Named Inventor	Crawford, James A.				
Examiner Name	TBD				
Group Art Unit	TBD				
Attorney Docket No.	70647				

METHOD OF PAYMENT	FEE CALCULATION (continued)					
1. X The Commissioner is hereby authorized to charge		OITION arge	VAL F	EES Small		
Deposit	1 E	Entity	E	Entity		
Account Number 06-1135	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Deposit Account FITCH, EVEN TABIN & FLANNERY	105	130	205	65	Surcharge - late fling fee or oath	
Name Charge Any Additional Fee Required X Under 37 CFR 1.16 and 1.17	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
Applicant claims small entity status. See 37 CFR 1.27	139	130	139	130	Non-English specification	
2. Payment Enclosed:	147	2,520	147	2,520	For filing a request for ex parte reexamination	
Check Credit card Money Other Other	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
FEE CALCULATION	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
1. BASIC FILING FEE	115	110	215	55	Extension for reply within first month	
Large Entity Small Entity	116	390	216	195	Extension for reply within second month	
Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	117	890	217	445	Extension for reply within third month	
101 710 201 355 Utility filing fee 355.00	118	1,390	218	695	Extension for reply within fourth month	
106 320 206 160 Design filling fee	128	1,890	228	945	Extension for reply within fifth month	
107 490 207 245 Plant filing fee	119	310	219	155	Notice of Appeal	
108 710 208 355 Reissue filing fee	120	310	220	155	Filing a brief in support of an appeal	
114 150 214 75 Provisional filing fee	121	270	221	135	Request for oral hearing	
<u> </u>	138	1,510	138	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 355.00	140	110	240	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES	141	1,240	241	620	Petition to revive - unintentional	
Extra Claims Fee From below Fee Paid	142	1,240	242	620	Utility issue fee (or reissue)	
Total Claims 16 -20**= 0 X 9 = 0	143	440	243	220	Design issue fee	
Independent 3 -3**= 0 X 40 = 0	144	600	244	300	Plant issue fee	
Multiple Dependent = 0	122	130	122	130	Petitions to the Commissioner	
Large Entity Small Entity	123	50	123	50	Processing fee under 37 CFR 1.17(q)	
Fee Fee Fee Fee Description Code (\$) Code (\$)	126	180	126	180	Submission of Information Disclosure Stmt	
103 18 203 9 Claims in excess of 20	581	40	581	40	property (times number of properties)	40.00
102 80 202 40 Independent claims in excess of 3	146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
104 270 204 135 Multiple dependent claim, if not paid	149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
109 80 209 40 **Reissue independent claıms over original patent	179	710	279	355	Request for Continued Examination (RCE)	
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	169	900	169	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 0	Other	fee (spe	ecify)			
**or number previously paid, if greater; For Reissues, see above	*Redu	ced by I	Basic Fil	ing Fee	Paid SUBTOTAL (3) (\$) 40.00	

SUBMITTED BY		Complete (if appli	Complete (if applicable)		
Name (Print/Type)	Scott J. Menghini	Registration No. (Attorney/Agent)	42,880	Telephone	858-552-1311
Signature	Swal ry			Date	August 21, 2001

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